

1. In combination with a swimming pool and a grating, said swimming pool having a gutter including straight sections and curved sections and an edge, said grating being spaced a predetermined distance from said edge including said straight and said curved sections, a top surface of said grating is located substantially at the same level as a surface of a pool deck into which the gutter is installed including the surface of the water in said swimming pool, said grating including a multiple of grate bars, said grate bars are oriented parallel to each other and said edge while maintaining the same radius and distance between each other in said curved sections, means for connecting said multiple of grate bars to each other in a longitudinal direction and in a lateral direction including said curved sections.

2. The grate bars of claim 1, wherein said bars are formed by injection molding.

3. The grating of claim 1, wherein said means for connecting said grate bars in said longitudinal direction to each other are a recess in one end of each of said bars and a protruding tongue in another end of each of the grate bars.

4. The grating of claim 1, wherein said means for connecting said grate bars in a direction normal to said edge of said pool is a rod passing through all of said multiple of said grate bars at different locations along said gutter.

5. The grating of claim 4 including at each end of said rod to prevent a movement of said rod in any direction.

6. The grating of claim 1, wherein said means for spacing are narrow spacing webs protruding from one side of said grate bars.

7. The grating of claim 1, wherein said grate bars have an I shape.

8. The grating of claim 1 including ribs embedded in a top surface of each of said grate bars to induce a resistance to slipping of wet feet.

9. A method of assembling a grating for a swimming pool, said pool having an edge including straight edges and curvatures and a gutter spaced from said edge constructed in a deck of said pool, said grating including a multiple of grate bars that are connected to each other in a longitudinal direction, said method including the steps of:

assembling a multiple of said grate bars parallel to each other and parallel to said pool edge on said gutter in an elevated position,

clamping said assembled grate bars into a unit and thereafter drilling a hole through all of said clamped grate bars,

passing a rod through all of said drilled holes and fixing the tends of said rods to prevent a movement of said rods in any direction,

thereafter, lowering the thus assembled grating into said gutter to be substantially flush with said deck,

10. The method of claim 9 including the step of bending all of said assembled grate bars to correspond to said curvatures in said gutter prior to the step of drilling said holes through said grate bars.

11. The method of claim 9, wherein said step of assembling said grate bars in an elevated position includes the step of placing a support block in said gutter and placing an adjustment jig on a top surface of said block, said assembled grate bars are received in said jig.

12. The method of claim 9 including passing a multiple of said rods in a multiple of locations along said assembled grate bars including any of said curvatures.

13. The method of claim 9 including placing clamping bars on top and below said grate bars prior to the step of drilling, clamping said clamping bars together, providing a drilling pilot hole through said clamping to assure an exact drilling through said assembled grate bars.